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Utility Patent
Ser. No. 10/564,019

CLAIM AMENDMENTS

Please amend Claim 1 (~~strike through~~ for deletion and underline for insertion):

1. (Original) A method for producing a palladium-containing hydrogenation catalyst, consisting in reducing divalent palladium from the initial compound thereof and precipitating the thus reduced palladium on a carbon material, characterized that the initial compound is embodied in the form of tetra aqua-palladium (II) perchlorate, and the reduced palladium is precipitated on a nano-carbon material.
2. (Original) A method according to claim 1, characterized in that the nano-carbon material is embodied in the form of fullerene C₆₀.
3. (Original) A method according to claim 1, characterized in that the nano-carbon material is embodied in the form of carbon nanotubes.
4. (Original) A method according to claim 1, characterized in that the nano-carbon material is embodied in the form of a cathodic deposit.
5. (Original) A method according to claim 1, characterized in that the nano-carbon material is embodied in the form of the mixture of C₆₀ and C₇₀ fullerenes at the following ratio thereof:
fullerene C₆₀ - 60-80 mass %

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fullerene C₇₀ - 20-40 mass %.